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56. *Imitation*.—We mentioned, § 86, Vol. I., the resemblance of the color of a yellow spider to that of the blossom in which it lay in wait. Another case of this kind has fallen under our notice. It is well known that in the centre of the white umbel of *Daucus carota*, L., there is generally one dark purple flower. In the latter part of July, we frequently found, lurking beneath this flower, a spider of very nearly its size and hue. At this season a spider of the same appearance is found there, but in a web. Perhaps there are two kinds of spiders, a web making, and a springing one. The weed is very common, and we commend the subject to our entomologists. The under side of cymes, corymbs &c. seems a favorite resort of flies and other insects.

57. *Tetramerism in Lilium auratum*, Lindl.—The case of tetramerism in *Tradescantia* reported by Prof. Martin in the last number of the Bulletin leads me to mention a similar instance in the Japan Lily (*L. auratum*, Lindl.). A plant in my garden has recently produced three flowers all of which were abnormal.

The first flower had but four divisions of the perianth, two outer and two inner, symmetrical and cruciform. The stamens were only four, alike and perfect. The ovary was quadrangular and *two-celled*, with 4 rows of seeds, and the hollow style preserved its quadrilateral character, until expanded into the stigma, which was distinctly trifid or three lined, being the only portion of the flower which showed any marks of trimerism. No rudiments of the 5th and 6th stamens could be detected.

The second flower had *five* divisions of the perianth—three outer and two inner—all somewhat twisted or distorted. The nectariferous portions strictly stellate in arrangement. Stamens 5 only and no rudiment of 6th visible. One of the 5 a little shorter than the remainder. In this case the ovary was *triangular* and *three-celled*, with the usual three lined stigma.

The third and last flower seems in all respects similar to the first, except that one of the four stamens is dwarfed and abortive.

Philadelphia, Aug. 7.

JOHN H. REDFIELD.

58. *Catalpas*.—Your correspondent, Mr. Hall, alludes in the June number to catalpas growing wild on Staten Island and in Westchester Co. I would add that, on the 7th of July, I saw quite a little grove of them in full flower, at Hohokus, N. J., on the west side of the Erie R. R. They grow near, or along, a small brook, which crosses the road just beyond the station. D. S. MARTIN.

59. We can now supply those who are deficient in the first four Nos. of Vol. I.—Correspondents would save us trouble by writing on only one side of their paper.

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